NITFS
Compliance Registration

Product: GIV, release 1.0, build 210

Sponsor: Paragon Imaging

Developer: Paragon Imaging

Date: 25 June 2004
Expiration: 24 June 2006
Registration #: 2031

- ☐ Initial Registration
- ☑ Supplemental/Update # ____
- ☐ Derived from Reg. # ____

System ☐
N-0105/98, §4.1.1

Product ☑
N-0105/98, §4.1.2

Component ☐
N-0105/98, §4.1.3

** NITF 2.0 feature
* NITF 2.1 feature

Complexity Level

NITF 2.1 CLEVEL

	3	5	6	7
Interpret				
Generate				

NITF 2.0 CLEVEL

	1	2	3	4	5	6	Oth
Interpret							
Generate							

Configurations Tested:

- Windows 2000, SP2
- Windows XP

NITFS Features Implemented:

Format
- NITF
  - v2.1
  - v2.0
  - v1.1
- NSIF
  - v1.0

Pixel Value Types
- Boolean
- Integer
- Signed Integer *
- IEEE Real *
- IEEE Complex *

Annotation Segment Type
- Bit Mapped **
- CGM, 2301
- CGM, 2301A
- Labels **

Text Segments
- STA
- UT1
- U8S
- MTF

Image Segment Types
- MONO
- RGB
- RGB/LUT
- YCbCr
- MULTI
- NODISPLY
- POLAR

Image Compression
- Not Compressed
- JPEG Lossy, 8-bit
- JPEG Lossy, 12-bit
- JPEG Downsample
- JPEG Lossless
- JPEG 2000
- Bi-Level
- Vector Quantization
- Multispectral JPEG, Individual Band

Data Extension Segments
- TRE_OVERFLOW
- STREAMING_FILE_HEADER
- Controlled Extensions **
- Registered Extensions **

Tagged Record Extensions
- PIAE
- ASDE
- CSDE
- ICHIPB
- IOMAPA
- RPF Extensions
  - Digest GeoSDE

Legend
- Interpret / Generate
- Fully implemented
- Partially implemented
- Not implemented

EDWARD E. BOYLES II, Division Chief
Joint Interoperability Test Command
Executive Agent to National Geospatial-Intelligence Agency for the NITFS Test and Evaluation Program

Registration does not guarantee that a product will meet all users' requirements. Potential users should evaluate the detailed test results to determine the suitability of a product for the intended use. Optional NITFS features may not be implemented.